# Storm Water Construction General Permit Inspection Report

RWQCB - Region 5S

**WDID #** 5S03C337319 | County: Amador

Del Rapini Const Inc
Owner's Name

Pine Grove Bluffs
Name of Development

28555 Rollins Lake Rd
Owner's Street Address

Developer Contact and Phone N( #

Colfax, CA 95713
Owner's City, State and Zip code

Ridge Road & Hwy 88
Site Address

Del Rapini 530-389-8002
Owner's contact person and phone #

Pine Grove, CA 95665
Site City, State, and Zip Code

Rich Muhl
Inspection Conducted By

2/23/2009
Date of Inspection

Samples taken 7:20 AM
Time of Inspection

**Dry** ___ **Hot** ___ **Clear** ___ **Overcast** X **Cold** ___ **Raining** X
Weather Conditions During Inspection (circle all that apply)

Status of Construction

**Type of Inspection:**

| | |
|---|---|
| | Inspection in Conjunction with Other Permit |
| | Termination Request |
| X | Compliance Inspection |
| | Outreach Inspection |
| | Discharger/Facility Request |
| | Follow-up to previous inspection ** Date of Previous Inspection |
| | Other |

Permit Type: Construction

| | Yes | No |
|---|---|---|
| **Storm Water Samples Collected?** | X | |
| **Non-Storm Water Discharge or Evidence of Non-Storm Water Discharge Observed?** | | X |
| **Separate Inspection Report Written?** | | X |
| **Updated SWPPP on Site?** | X | |

## Control Measures Checklist:

*Yes - Evident on inspection* *No - Non evident on inspection*

| **Areas of Concern:** | Yes | No |
|---|---|---|
| Evidence of erosion? (hills, gullies, slips) | X | |
| Dirt/sediment tracked in streets? | | X |
| Evidence of dewatering? | | X |

Other: The SWPPP was not reviewed

Inspection Summary (complete only if no separate inspection report is written):

During the site inspection staff observed significant storm water management problems on the construction site. The inspection was conducted just after a significant rain event that had occurred the previous day and throughout the night. Light rain was falling during the site inspection. The entire site was again walked and staff observed no significant improvement to the BMPs since the site inspection the previous day. . Staff again observed a turbid storm water discharge from both outfall areas. The western outfall location was sampled and flow was measured in the discharge channel. Using a field turbidity meter the turbidity was 384 NTUs at the outfall location. Jackson Creek was also sampled upstream of the construction site using a field turbidity meter and the turbidity level was 30 NTUs (see inspection photographs).

**Signature**

Date Entered: 3/2C/2009
Entered By: JIC

Senior Review: 4/M

Inspection ID: 1639394 Enforcement ID: 362788
Violation ID(A): 811389
Violation ID (B): 811390

**Figure 1**: Turbid storm water discharging from the construction site

**Figure 2**: View of the western discharge location

**Figure 3**: Another view of the western discharge location

**Figure 4**: Turbid storm water flowing into the western culvert which discharges into Jackson Creek

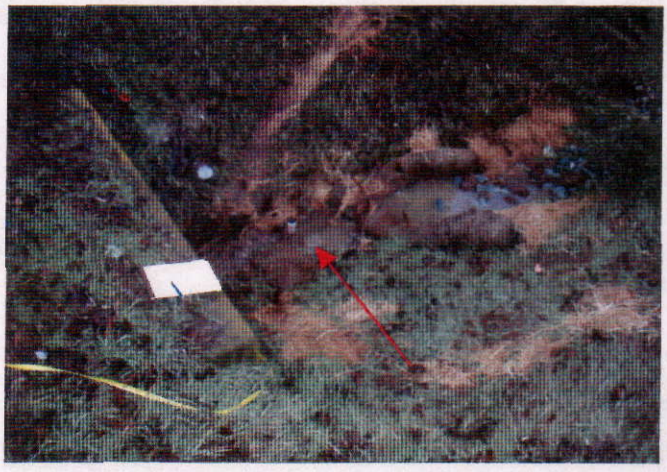

**Figure 5**: Sample location

**Figure 6**: Area above the western discharge location where staff observed no effective storm water management BMPs

**Figure 7**: Area directly below the area shown in Figure 6

**Figure 8**: Same area Note: the general lack of BMPs on the slope

**Figure 9**: Area above the discharge location in Figure 8 Note: the lack of erosion control BMPs

**Figure 10**: View of the same area

**Figure 11:** General lack of BMPs above the area in Figure 9

**Figure 12**: Lack of an effective combination of erosion and sediment control BMPs

**Figure 13**: Lack of an effective combination of erosion and sediment control BMPs

**Figure 14**: Poorly stabilized stockpile

**Figure 15**: Lack of an effective combination of erosion and sediment control BMPs

**Figure 16**: Lack of an effective combination of erosion and sediment control BMPs prior to one of the discharge locations

**Figure 17**: Fiber rolls installed prior to turbid stormwater discharge into the down drain

**Figure 18**: Another view of the fiber rolls installed prior to discharge into the down drain

**Figure 19**: Poorly protected slope

**Figure 20**: Lack of an effective combination of erosion and sediment control BMPs Note: the discharge into the down drain and the lack of effective BMPs prior to the down drain

**Figure 21**: Lack of an effective combination of erosion and sediment control BMPs

**Figure 22**: Turbid storm water ponded onsite

**Figure 23**: Another view of the same area Note: the general lack of erosion control BMPs

**Figure 24**: Lack of an effective combination of erosion and sediment control BMPs

**Figure 25**: Lack of an effective combination of erosion and sediment control BMPs Note: the only BMP installed is a fiber roll


**Figure 26**: Another view of the same area Note: the lack of erosion control BMPs

**Figure 27**: Light application of straw mulch along Ridge Road

**Figure 28**: Sediment laden storm water flowing down to the drain inlet adjacent to Ridge Road

**Figure 29:** Turbid storm water flowing into the drain inlet along Ridge Road

**Figure 30**: Another view of the drain inlet along Ridge Road

**Figure 31**: Another view of the area just above the drain inlet on Ridge Road

**Figure 32**: Lack of an effective combination of erosion and sediment control BMPs